Model Number 848xx Series
Fuel Filter / Check Valve Assy

Operating and Installation Instructions

CAUTION!

This product is to be installed only by persons knowledgeable in the repair and modification of vehicle fuel systems and general vehicle systems modification. Only a qualified technician or mechanic who is aware of applicable safety procedures should perform the installation of this product.

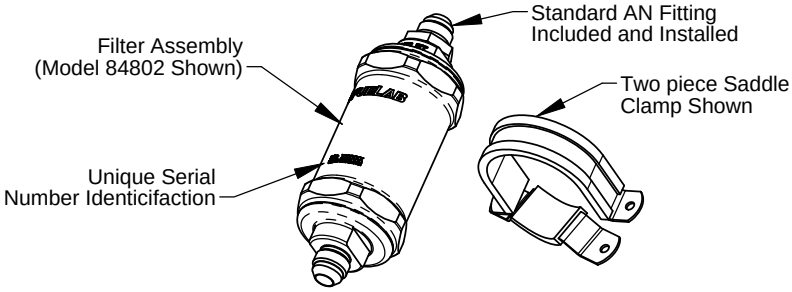
GASOLINE AND OTHER FUELS ARE FLAMMABLE AND CAN BE EXPLOSIVE!

Perform the installation in a well ventilated location only to minimize the build up of fuel vapors. **NO** open flames, smoking or other sources of ignition are to be present during installation, to prevent fire or explosion that can cause serious injury or death. Grinding, cutting, and drilling must be performed with care to prevent ignition. Draining and removal of all fuel and ventilation of vapors in vehicle and fuel system is recommended when performing such procedures. Proper eye and personal protection is required at all times during installation.

WARNING!

The Vehicle's fuel system may be under pressure! Do not loosen any fuel connections until relieving all fuel system pressure. Consult an applicable service manual for instructions to relieve fuel system pressure safely.
This product is intended for racing, off-road, or marine use only. This fuel system component is capable of altering engine tuning and therefore not legal for sale or use on emission controlled motor vehicles.

Product Contents:
Check the diagram and list of components (right) to ensure that no components are missing from box. Contact your Fuelab distributor immediately for replacement. See company web-site for details of your specific model's features. Model 84802 is shown to right as example.



Plumbing Planning Notes:
The inlet and outlet ends of the filter use military or 37° Cone ended AN specifications, commonly used in racing and high performance applications (typically using stainless steel braided line). Use appropriate line connectors. Other end sizes and element types, visit our company web-site at www.fuelab.com for details pertaining to this and other products. Filter is rated for 200 PSIG maximum pressure. **DO NOT EXCEED MAX. PRESSURE RATING**.

Installation Steps:
1. Disconnect the ground terminal from battery and allow the vehicle's engine and exhaust system to cool. Relieve fuel system per applicable service manual. Follow all Warnings and Cautions written
2. Modify, remove or replace other fuel system components as required per established build plan
3. Use the supplied bracket as a drilling template to mark holes for mounting bracket. Choose a location that minimizes exposure to excessive heat. Mounting bracket can be modified as required. Saddle Bracket provided has a minimum installation height. Add spacers or washers between mounting location and bracket to adjust filter clearance as required.
4. Note "OUTLET" markings on end cap, for proper flow direction on filter (do not plumb in reverse direction). Install filter to vehicle. Hook up military or "AN" style fuel lines for application for both Inlet and Outlet ports.
5. Start vehicle's engine and inspect for any fuel leaks and repair as required before continuing.

Filter Replacement Steps:
1. Use only Fuelab replacement element only when replacing element. This ensures proper size as well as replacement O-rings. Follow all instructions included with replacement element.
1. Remove filter from vehicle and drain excess fluid (note WARNING above). Use bench vise (with vice protectors to prevent damage) to clamp onto sleeve.
2. Remove Outlet Side of Filter, replace element (pulls off End Cap) and O-ring (use appropriate Fuelab replacement element only). Straining filters and stainless steel elements can be cleaned and reused. Paper element and O-ring is recommended for replacement only. O-ring is also recommended for replacement at each service interval, visit web-site or contact Fuelab for O-ring replacement part or Size specification.
3. Reinstall cap with O-ring (apply light oil to O-ring) and tighten to 20-35 ft·lbs of Torque. Follow Installation steps above.

LIMITED WARRANTY

FUELAB, a division of FCP, Inc. , having its principal place of business at **1605 Eastport Plaza Drive, Suite 125, Collinsville, IL 62234, USA** ("Manufacturer") warrants its **FUELAB** products (the "Products") as follows:

1. **Limited Warranty**.
Manufacturer warrants that the Products sold hereunder will be free from defects in material and workmanship for a period of 2 Years from the date of purchase to the original purchaser. If the Products do not conform to this Limited Warranty during the warranty period (as herein above specified), Buyer shall notify Manufacturer in writing, or by phone, of the claimed defects and demonstrate to Manufacturer satisfaction that said defects are covered by this Limited Warranty. If the defects are properly reported to Manufacturer within the warranty period, and the defects are of such type and nature as to be covered by this warranty, Manufacturer shall, at its own expense, furnish replacement Products or, at Manufacturer's option, replacement parts for the defective Products. Removal of Products from vehicle (*Vehicle means any automotive, bike or marine transportation powered by an internal combustion engine. This product is **NOT** intended or designed for use on aircraft, experimental or otherwise.),* shipping to Manufacturer and installation of the replacement Products or replacement parts shall be at Buyer's expense.

2. **Other Limits**.
THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Manufacturer does not warrant against damages or defects arising out of improper or abnormal use or handling of the Products; against defects or damages arising from improper installation (where installation is by persons other than Manufacturer), against defects in products or components not manufactured by Manufacturer, or against damages resulting from such non-Manufacturer made products or components. Manufacturer passes on to Buyer the warranty it received (if any) from the maker thereof of such non-Manufacturer made products or components. This warranty also does not apply to Products upon which repairs have been effected or attempted by persons other than pursuant to written authorization by Manufacturer.

3. **Exclusive Obligation**.
THIS WARRANTY IS EXCLUSIVE. The sole and exclusive obligation of Manufacturer shall be to repair or replace the defective Products in the manner and for the period provided above. Manufacturer shall not have any other obligation with respect to the Products or any part thereof, whether based on contract, tort, strict liability or otherwise. Under no circumstances, whether based on this Limited Warranty or otherwise, shall Manufacturer be liable for incidental, special, or consequential damages.

4. **Other Statements**.
Manufacturer's employees, representatives' and/or resellers ORAL OR OTHER WRITTEN STATEMENTS DO NOT CONSTITUTE WARRANTIES, shall not be relied upon by Buyer, and are not a part of the contract for sale or this limited warranty.

5. **Entire Obligation**.
This Limited Warranty states the entire obligation of Manufacturer with respect to the Products. If any part of this Limited Warranty is determined to be void or illegal, the remainder shall remain in full force and effect.

6. **Warranty Service**
What Does This Warranty Not Cover? Any problem that is caused by abuse, misuse, or an act of God (such as a flood) is not covered. Also, consequential and incidental damages are not recoverable under this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
How Do You Get Service? In order to be eligible for service under this warranty you **MUST** return the Warranty Registration card, or register on-line at www.fuelab.com/warranty within 30 days of purchasing the Product.

If something goes wrong with your product contact FUELAB at 1-800-541-2345, International customers call 001-217-324-3737, for a Return Authorization Number (RMA). After receiving your RMA send it postage paid, fully insured, with a brief written description of the problem to:

FUELAB Warranty Department, 1605 Eastport Plaza Drive, Suite 125, Collinsville, IL 62234

We will inspect your Product and contact you within 72 hours of receipt to give the results of our inspection and an estimate of the labor and/or parts charges required to fix the Product, if applicable. If covered under this limited warranty Manufacturer will repair Product and return it to you at no cost. If the Product is NOT covered under this warranty and if you authorize repairs, we will return the repaired Product to you COD, or prepaid via credit card, within 72 hours. There is no charge for inspection. If return product is found to be free of defects a $25.00 shipping and handling charge will be applied. We will return the repaired Product to you COD, or prepaid via credit card, within 72 hours.